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Main Menu	Search Form	Result Set	ShowS Numbers	Edit S Numbers	Referring Patents
Fast Hit	Previous Document			Next Document	
Full	Title	Citation	Front	Review	Classification
Date	Reference	Claims	KWMC		

Document Number 25

Entry 25 of 52

File: USPT

Jul 13, 1993

US-PAT-NO: 5227092

DOCUMENT-IDENTIFIER: US 5227092 A

TITLE: Process for forming conjugated backbone block copolymers

DATE-ISSUED: July 13, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Han; Chien-Chung	Madison	NJ	N/A	N/A

US-CL-CURRENT: 252/500; 524/157, 524/158, 525/540, 528/422, 528/480, 528/503

ABSTRACT:

This invention relates to a process for forming polyaniline block copolymers, to block copolymers formed by said process and to articles formed from said copolymers.
33 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Main Menu	Search Form	Result Set	ShowS Numbers	Edit S Numbers	Referring Patents
Fast Hit	Previous Document			Next Document	
Full	Title	Citation	Front	Review	Classification
Date	Reference	Claims	KWMC		

[Help](#)[Logout](#)

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Logout

Main Menu	Search Form	Result Set	Show S Numbers	Edit S Numbers	Referring Patents				
First Hit		Previous Document			Next Document				
Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC

Document Number 26

Entry 26 of 52

File: USPT

Jul 6, 1993

US-PAT-NO: 5225495

DOCUMENT-IDENTIFIER: US 5225495 A

TITLE: Conductive polymer film formation using initiator pretreatment

DATE-ISSUED: July 6, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Han; Chien-Chung	Madison	NJ	N/A	N/A
Baughman; Ray H.	Morris Plains	NJ	N/A	N/A
Elsenbaumer; Ronald L.	Morris Township, Morris County	NJ	N/A	N/A

US-CL-CURRENT: 525/327.4; 427/121, 427/212, 427/213.3, 427/213.31,
 427/213.32, 427/213.33, 427/213.34, 427/213.36, 525/327.6, 525/328.1,
 525/328.2, 525/328.3, 525/328.4, 525/328.5, 525/328.6, 525/328.7,
 525/328.8, 525/329.1, 525/329.2

ABSTRACT:

This invention relates to a process for forming polyaniline films on a substrate and to composite articles formed by said process.

40 Claims, 0 Drawing figures

Exemplary Claim Number: 1

Main Menu	Search Form	Result Set	Show S Numbers	Edit S Numbers	Referring Patents				
First Hit		Previous Document			Next Document				
Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC

Help

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Logout

Main Menu	Search Form	Result Set	Show S Numbers	Edit S Numbers	Referring Patents
-----------	-------------	------------	----------------	----------------	-------------------

First Hit

Previous Document

Next Document

Full

Title

Citation

Front

Review

Classification

Date

Reference

Claims

KIMC

Document Number 3

Entry 3 of 52

File: USPT

Jul 21, 1998

US-PAT-NO: 5783111

DOCUMENT-IDENTIFIER: US 5783111 A

TITLE: Electrically conducting compositions

DATE-ISSUED: July 21, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ikkala; Olli	Merikasarminkatu	N/A	N/A	FIN
Pietila; Lars-Olof	Purismiehenkatu	N/A	N/A	FIN
Cao; Yong	Goleta	CA	N/A	N/A
Andreatta; Alejandro	Santa Barbara	CA	N/A	N/A

US-CL-CURRENT: 252/500

ABSTRACT:

Compositions are disclosed comprising electrically conducting polyaniline and particular substituted aromatic compounds that simultaneously form hydrogen bonds and ring-ring interactions with, respectively, the NH-groups and the six-membered rings of the conducting polyanilines. The present conducting polyaniline compositions show drastically enhanced processibility and their blends with insulating or semiconducting materials exhibit significantly improved electrical properties.

21 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Main Menu	Search Form	Result Set	Show S Numbers	Edit S Numbers	Referring Patents
-----------	-------------	------------	----------------	----------------	-------------------

First Hit

Previous Document

Next Document

Full

Title

Citation

Front

Review

Classification

Date

Reference

Claims

KIMC

Help

Logout

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